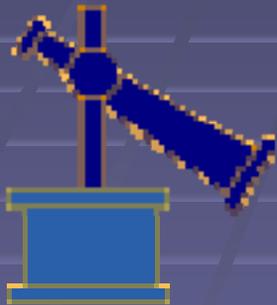




TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity



Presented by

TDK Components USA, Inc.

QM Department



TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

- On September 6th and 13th, TCU's EMS Dept. hosted the Webelos (Cub Scouts) Dens 1, 2, & 12 at TCU.
- The purpose of the events were to assist the Dens in earning the Webelos Scientist Badge.



September 6th, 2007

Ken Takekawa greets the Webelos and explains the evenings activities.



TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 1 (September 6th, 2007)

- **Workshop #1**
- The Webelos learn how *Optical Illusions* can trick the human visual system into incorrectly perceiving what is present or not present.





TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 1 (September 6th, 2007)

- **Workshop #2**
- *The Webelos make sugar crystals (rock candy).*
- Jar test demonstration of how TDK removes metals from the electroplating waste stream.





TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 1 (September 6th, 2007)

- **Workshop #3**
- *Karen Mizell explains Newton's Law to the scouts.*
- The Webelos conduct experiments involving Newton's Law.





TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 1 (September 6th, 2007)

- **Week 1 Finale**
- The final experiment of the evening is conducted using atmospheric pressure.
- The can Implodes!





TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

- **Week 2** (September 13th, 2007)
- TCU President Mr. Fujimoto gives a brief speech about the “hidden surprises” found in nature.



September 13th, 2007

Mr. Fujimoto gives a speech to the Webelos.



TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 2 (September 13th, 2007)

- **Workshop #1**
- *Water pressure* is discussed and demonstrated .
- *Atmospheric pressure* experiment conducted using an egg, match and bottle.





TDK Community Outreach 112FY, 2Q

Webelos Scientist Badge Activity

Week 2 (September 13th, 2007)

- **Workshop #2**
- *Balance and Center of Gravity Activities*
- Balancing 12 nails
- Funnels roll uphill

